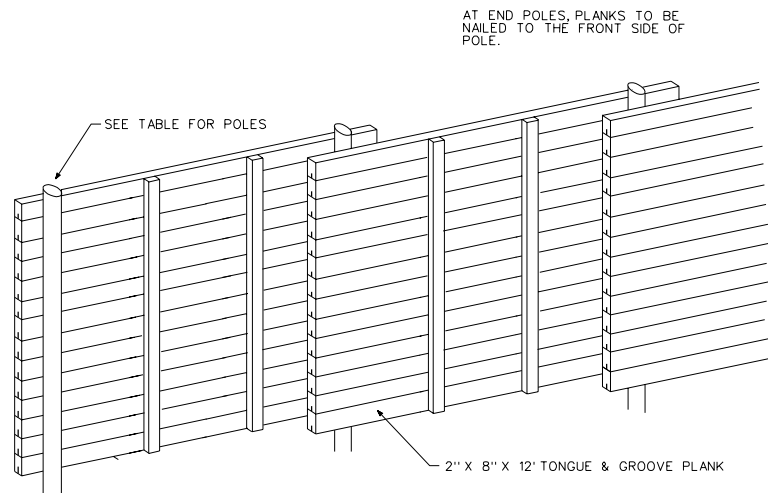
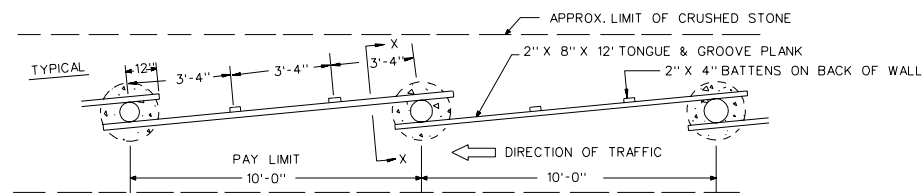


ELEVATION



ISOMETRIC VIEW - SIDE AWAY FROM HIGHWAY



PLAN VIEW

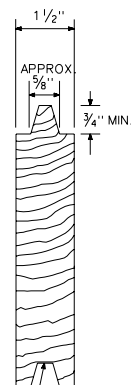
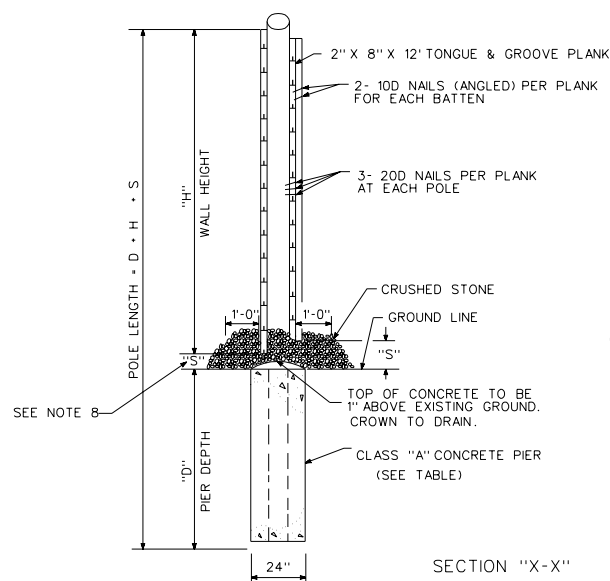


TABLE - PIER DEPTH - "D" - FT. (GRANULAR SOIL ONLY)

WALL HGT. "H"	POLE DIA. AT TOP OF PIER	MIN. ALLOWABLE DIA. AT TOP OF POLE	PIER DEPTH "D"		
			CASE * 1	CASE * 2	CASE * 3
6'	7"	5.5"	4'	6'	6'
8'	8"	6"	5'	6'	7'
10'	9"	6.5"	5'	7'	8'
12'	10"	7"	6'	8'	9'
14'	11"	7.5"	7'	9'	10'
16'	12"	8"	7'	10'	10'
18'	13"	8.5"	8'	10'	11'
20'	14"	9"	8'	11'	12'
22'	15"	9.5"	9'	12'	12'

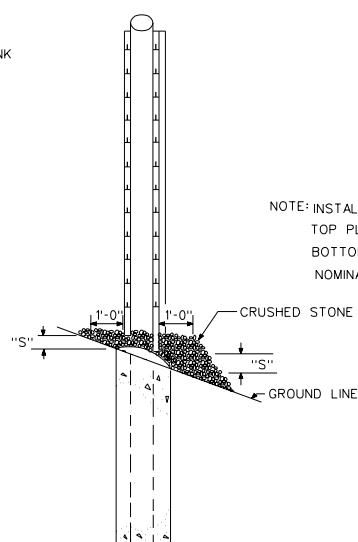
CASE * 1 FLAT SURFACE WITH WATER TABLE BELOW BOTTOM OF HOLE.
CASE * 2 FLAT SURFACE WITH WATER TABLE ABOVE BOTTOM OF HOLE.
CASE * 3 A SIDE SLOPE OF 2 : 1 WITH WATER TABLE BELOW BOTTOM OF HOLE.

NOTE: INSTALL PLANKS WITH TONGUE UP.
TOP PLANK SHALL NOT HAVE TONGUE.
BOTTOM PLANK MAY HAVE GROOVE.
NOMINAL LUMBER DIMENSIONS WILL BE SATISFACTORY.

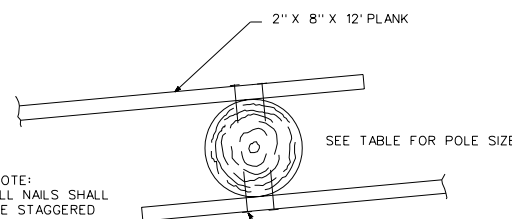


SECTION "X-X"

INSTALLED ON LEVEL GROUND

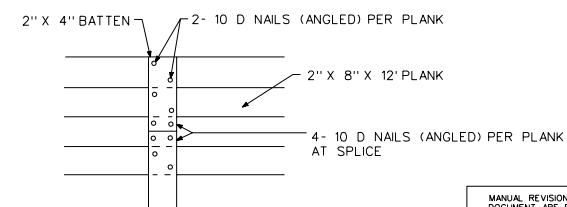


INSTALLED ON SLOPE

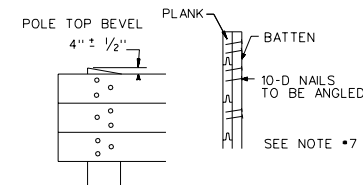


NOTE: ALL NAILS SHALL BE STAGGERED

SEE NOTE * 7



DETAIL "B"



TIMBER NOISE BARRIER WALL
TYPE 1

T.MCMAHON
S.A.ROBERTS
T.MCMAHON
M.SHAW

9-81
5-89
6-91
6-91

- CONCRETE SHALL BE CLASS "A" IN CONFORMANCE WITH SECTION 6.01.
- LUMBER & POLES
ALL LUMBER SHALL BE NO.1KD OR BETTER SOUTHERN YELLOW PINE OR DOUGLAS FIR-LARCH, SURFACED FOUR SIDES. ALL LUMBER AND POLES SHALL BE COMMERCIALY INSPECTED BY AN INDEPENDENT COMPANY. ALL CCA TREATED LUMBER AND POLES SHALL BE KILN DRIED TO 15% MOISTURE CONTENT AFTER TREATMENT. POLES TO BE SOUTHERN YELLOW PINE OR DOUGLAS FIR CONFORMING TO AWPB CP-88.
- TREATING SPECIFICATIONS
TWO TYPES OF TREATMENT ARE ACCEPTABLE:
A: CCA IN ACCORDANCE WITH AWPB P-5
B: PENTACHLOROPHENOL IN ACCORDANCE WITH AWPB P-9, TYPE B (L.P.G.)
ALL MATERIAL SHALL HAVE A MINIMUM TREATMENT AS FOLLOWS:
PENTACHLOROPHENOL 0.50 LBS. PER CU. FT.
CCA 0.40 LBS. PER CU. FT.
CCA (POLES) 0.60 LBS. PER CU. FT.
TREATMENT TO CONFORM TO AWPB C-2 FOR PLANK, PANELS, BATTENS AND AWPB C-4 FOR POLES.
ALL MATERIAL SHALL BE PROTECTED FROM WEATHER UNTIL INSTALLED.
- THE PLANK ENDS SHALL BE IN A VERTICAL STRAIGHT LINE AND ALL PLANKS SHALL FIT TIGHTLY AT THE TIME OF INSTALLATION. ANY PLANK WHICH DOES NOT FIT TIGHTLY SHALL BE REJECTED.
- FIELD CUTS AND HOLES SHALL BE TREATED IN ACCORDANCE WITH AWPB M4.
- STAIN - PENETRATING EXTERIOR OIL BASE SEMI-TRANSPARENT STAIN COMPATIBLE WITH THE PRESERVATIVE TREATMENT. (COLOR SHALL BE GREEN UNLESS OTHERWISE NOTED ON THE PLAN)
- ALL METAL SHALL BE STAINLESS STEEL TYPE 304 OR 316. 20D NAILS SHALL BE A MINIMUM DIAMETER OF .190 INCHES AND SHALL BE A MINIMUM OF 4 INCHES LONG. 10D NAILS SHALL HAVE A MINIMUM DIAMETER OF .145 INCHES AND SHALL BE A MINIMUM OF 2 3/4 INCHES LONG. ALL NAILS SHALL BE RINGSHANKED. LAG BOLTS SHALL BE 1/4 INCH DIAMETER X 4 INCH LONG.
- THE CRUSHED STONE SHALL CONFORM TO ARTICLE M.01.01. PLACED TO A MIN. DEPTH OF 2 INCH ABOVE THE BOTTOM OF THE PANEL PLANKS. "S" SHALL BE A MINIMUM OF 2 INCH.

TEST CERTIFICATION REQUIRED - REF. ARTICLE 1.06.07	
CERTIFIED TEST REPORT	MATERIAL CERTIFICATE
LUMBER & POLES	
TREATMENT	

A CERTIFICATE OF COMPLIANCE IS ALSO REQUIRED ON THE ABOVE ITEMS.

MANUAL REVISIONS TO THIS DOCUMENT ARE PROHIBITED. ALL REVISIONS MUST BE PERFORMED ON:
Code File: QSA2(200,200)916ADGN

